

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
HIROKAZU KOMURO ET AL.) Examiner: J. Stephens
Application No.: Divisional of) Group Art Unit: 2853
Application No. 10/214,105 :
Filed: August 22, 2003)
(Concurrently Herewith))
For: INK JET RECORDING HEAD AND)
METHOD FOR MANUFACTURING)
THE SAME) August 22, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. §1.56 and in accordance with the practice under 37 C.F.R. §§1.97 and 1.98, the Examiner's attention is hereby directed to the documents listed on the attached Forms PTO-1449.

Each of the listed documents was cited in parent Application No. 10/214,105, either in the Information Disclosure Statement filed on December 4, 2002 or in the Notice of References Cited attached to the Office Action dated April 14, 2003. In accordance with 37 C.F.R. § 1.98(d), copies of the U.S. Patents and Japanese Patent Application Laid-Open previously cited by Applicants are not being provided herewith. However, all of the co-pending

applications previously cited by Applicants have either been published or issued as patents, and copies of the respective publications and patents are enclosed for the Examiner's convenience.

JP 54-51837 is discussed at page 1 of the specification and may be relevant for the reasons discussed therein.

FORMAL MATTERS

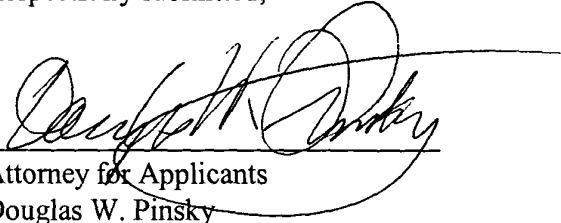
In accordance with 37 C.F.R. § 1.97(b), since this Information Disclosure Statement is being filed concurrently with the subject application, neither a statement under 37 C.F.R. § 1.97(e) nor payment of a fee is required for consideration of this Information Disclosure Statement.

CONCLUSION

Applicants request that the above information be considered by the Examiner and that an initialed copy of each of the enclosed Forms PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,



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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) August 22, 2003			ATTY DOCKET NO. 03500.016616.1		APPLICATION NO. Divisional of Application No. 10/214,105		
			APPLICANT HIROKAZU KOMURO ET AL.				
			FILING DATE August 22, 2003		GROUP 2853		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,478,606	12/1995	Ohkuma et al.			
		5,872,582	02/1999	Pan			
		5,943,074	08/1999	Kashino et al.			
		6,095,640	08/2000	Ishinaga et al.			
		6,164,763	12/2000	Sugama et al.			
		6,113,224	09/2000	Sugama et al.			
		6,180,018 B1	01/2001	Miyagawa et al.			
		6,196,667 B1	03/2001	Hiroki et al.			
		6,199,972 B1	03/2001	Ishinaga et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		JP 54-51837	04/1979	Japan			Abstract
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.
 Include copy of this form with next communication to applicant.

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		6,206,505 B1	03/2001	Yoshihira et al.			
		6,286,940 B1	09/2001	Sugiyama et al.			
		6,374,482 B1	04/2002	Mihara et al.			
		6,378,992 B2	04/2002	Kudo et al.			
		6,378,993 B1	04/2002	Ozaki et al.			
		6,386,686 B1	05/2002	Kubota et al.			
		6,386,832 B1	05/2002	Taneya et al.			
		6,390,604 B2	05/2002	Kashino et al.			
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		6,402,302 B1	06/2002	Ozaki et al.			
		6,409,296 B1	06/2002	Misumi et al.			
		6,409,317 B1	06/2002	Shimazu et al.			
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		6,450,776 B1	09/2002	Taneya et al.			07/28/99
		6,455,112 B1	09/2002	Ohkuma et al.			05/15/00
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		6,457,816 B1	10/2002	Ishinaga et al.			07/09/97
		6,464,342 B1	10/2002	Kubota et al.			12/03/99
		6,464,345 B2	10/2002	Kubota et al.			02/08/01
		6,485,132 B1	11/2002	Hiroki et al.			12/07/98
		6,491,380 B2	12/2002	Taneya et al.			12/03/98
		6,491,382 B2	12/2002	Taneya et al.			07/27/01
		6,497,475 B1	12/2002	Kubota et al.			08/31/00
		6,513,914 B2	02/2003	Misumi et al.			07/30/01
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		6,533,400 B1	03/2003	Kudo et al.			08/31/00
		6,540,336 B2	04/2003	Kubota et al.			12/04/98
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		2002-0021337 A1	02/2002	Sugiyama et al.			
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		2003-0038852 A1	02/2003	Kubota et al.			08/30/99
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